

REMARKS

Claims 1, 3, and 5-9 remain in this application. Claims 2, 4 and 10 have been cancelled. An amendment to claim 1 incorporating the limitations of claims 2 and 4 is proposed and an amendment to claim 9 incorporating the limitations of claim 10. Claims 3, and 5-9 have been amended to be consistent with amended claim 1. Thus, this amendment raises no new issues and, in fact, reduces issues in this application. Thus, entry at this time is proper.

As is pointed out by the Examiner, Taniguchi states in his Abstract that a two-dimensional distribution map is displayed in a real time. However, a two-dimensional distribution map of only one specified element is displayed on a real time base in Taniguchi's TEM and in Krivanek because each of these has only one electron beam detector corresponding to the specified electron beam energy. As now claimed in claims 1 and 9, in contrast to Taniguchi and Krivanek, two-dimensional distribution maps of a plurality of specified elements can be simultaneously displayed in real time according to the present invention because it has multiple electron beam detecting sections corresponding to different electron beam energies. Applicants submit that in neither of his actions has the Examiner given any reason why the specific limitations of claims 4 and 10 are obvious in view of the cited art, nor do Applicants believe he can, since the teaching is just not there.

With entry of this amendment it is believed that all claims remaining in this application will be in condition for allowance. Thus, entry of this amendment and prompt notice is respectfully solicited. Alternatively, entry for purposes of appeal is respectfully requested.

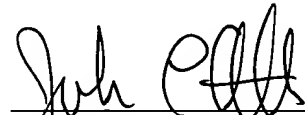
The Examiner is invited to contact the undersigned to discuss any matter concerning this application.

Applicants respectfully request a three month Extension of Time to respond to the Final Rejection of August 8, 2003. The extended period expires February 9, 2004.

The Office is hereby authorized to charge the fee of \$950.00 for a Petition for Extension of Time Under 37 C.F.R. § 1.136(a) and any additional fees under 37 C.F.R. § 1.16 or § 1.17 or credit any overpayment to Deposit Account No. 11-0600.

Respectfully submitted,

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